RUTGERS New Jersey Agricultural Experiment Station



Green Infrastructure Installations in the Neshanic River Watershed



Green infrastructure continues to be installed in the Neshanic River watershed through a partnership between North Jersey Resource Conservation and Development (NJRCD) and Rutgers Cooperative Extension (RCE) WaterResources Program. A total of four rain gardens were designed by the RCE Water Resources Program to capture stormwater runoff from impervious surfaces. These projects demonstrate best management practices (BMPs) for stormwatermanagement on several scales, including parking lots, residential driveways, and public roads. Projects were installed at the ShopRite of Flemington, the RaritanTownship Municipal Building, and two residences in Flemington. The NJRCD and the RCE Water Resources Program have installed a total of 12 rain gardens in the Neshanic watershed thus farand are expecting to complete more in the future.

The Neshanic River Watershed Management ImplementationProject is funded in part through a grant from the New Jersey Department of Environmental Protection (NJDEP) and is based on the Neshanic River Watershed Management Plan. The Neshanic River watershed is a 31 square mile area of landin Hunterdon County that is a part of the larger Raritan River basin. Stormwater runoff flows from surfaces to the storm sewer and is a source of nonpoint source pollution and flooding in streams and rivers. The goal of this project is to improve the health of the Neshanic River by implementing the approved watershed

restoration plan that achieves the required total maximum daily load (TMDL) reductions for fecal coliform and total phosphorus, among other water quality standards.

If you live in the Neshanic River watershed, there may be anopportunity to install a free rain garden on your property. Please contact the NJRCD at neshanic@northjerseyrcd.org or (908) 574 5368.



Free E-learning tool available online

The Ideas and Resources for Implementing Green Infrastructure in Your Community - Planning documents, programs, and ordinances E-learning tooloffers examples of green infrastructure that can be implemented at the locallevel to initiate or expand upon stormwater management practices. These examples consist of case studies of local landuse planning programs and ordinances that could be adopted by the local governing body and include beginner, intermediate, and advanced actions. Visit our website to access available E-learning tools by clicking here.

Complying with New Jersey Stormwater Regulations Workshop held on May 13th

Passaic Valley Sewerage Commission (PVSC) and the RCE Water Resources Program delivered a workshop at Montclair State University centered around complying with our state's stormwater regulations. The workshop highlighted steps to guide municipal officials with asking the right questions to ensure new development is in compliance as well as understanding the importance and benefits of inventorying stormwater infrastructure.

The workshop was well attended with 34 participants from Bergen, Middlesex, Passaic, Hudson, and Essex counties. Engineers, department of public works, municipal utility authority representatives, municipal planning board representatives, and consultants were in attendance. Of the 34 participants, 24 rated the workshop as excellent. Presentations have been made available on our website by clicking here.





New Jersey Technical Assistance Program for Combined Sewer Overflow (CSO) Communities



The RCE Water Resources Program is excited to announce that we have received an additional three years of funding support from the Surdna Foundation to continue the New Jersey Technical Assistance Program for Combined Sewer Overflow (CSO) Communities. Over the past two years, this program has had a tremendous impact in New Jersey. Through our efforts, we have established strong relationships with communities and local partners throughout the state to pursue green infrastructure initiatives. Since 2014, efforts have included:

- Developing the Green Infrastructure Guidance Manual for New Jersey
- Assisting communities in designing 15 green infrastructure projects that have been submitted to the New Jersey Environmental Infrastructure Trust for funding
- Completing 12 green infrastructure feasibility studies for CSO communities
- Meeting with 17 CSO permittees and facilitating partnerships with 5 green infrastructure municipal action teams

We want to thank the Surdna Foundation for their support and their commitment to helping New Jersey tackle the CSO problem through the use of green infrastructure. We will be continuing to support our partners in Camden, Newark, Paterson, Jersey City, and Perth Amboy and expanding our work with CSO communities starting with new partnerships in Gloucester City and Trenton in the coming months. For more information about the New Jersey Technical Assistance Program for Combined Sewer Overflow (CSO) Communities, please contact Jeremiah Bergstrom or Rosana Da Silva or visit our website at water.rutgers.edu.

RCE Water Resources Program | New Brunswick, NJ 08901 | M-F 8:30 - 4:30pm









Rutgers Cooperative Extension Water Resources Program | 14 College Farm Road, New Brunswick, NJ 07719

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